

USCMS Engineer Status Report for February 2004

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1 Work Performed This Month

DDD:

Fixed error messages in DDD to be more informative and more consistent.
COBRA release 7.6.0

Changed TruncTubs in DDParser to match DDCore.

Worked on the plan to develop HCAL Barrel DDD description as a DDAlgorithm (plugin). Provided some minimal set of parameters for both algorithmic positioning and control of number of sub-detectors produced there was existing code to generate Geant4 objects.

Conditions and other Database work:

Attended at least one EMU/HCAL/Pixel Database meeting.

Attended Feb. 23-25 Database meeting at CERN. Discussed with Frank Glege, Martin Liendl and Ad Aerts the databases within CMS and learned from them as much as I could regarding their efforts/plans.

User Support:

Students: Mostly helped with CMKIN (learning a bit myself).

2 Plans For Next Month

More DDD examples?

Learning more of Conditions database efforts?

3 Longer Term Plans

Get involved with Conditions database efforts more and more.
Continue DDD maintenance and user support.